

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE N/A		PAGE 1 OF PAGES 30		
2. AMENDMENT/MODIFICATION NO. 0008		3. EFFECTIVE DATE 18 OCT 01		4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO. (If applicable) SPEC. NO. 1034/1189	
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
DEPARTMENT OF THE ARMY U.S. ARMY ENGINEER DISTRICT, SACRAMENTO SACRAMENTO, CALIFORNIA 95814-2922				DISTRICT ENGINEER U.S. ARMY ENGINEER DISTRICT, SACRAMENTO 1325 J STREET SACRAMENTO, CALIFORNIA 95814-2922 ATTN: CONTRACTING DIVISION			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		<input checked="" type="checkbox"/> (✓) <input checked="" type="checkbox"/> X	9A. AMENDMENT OF SOLICITATION NO. DACW05-01-R-0030
			9B. DATED (SEE ITEM 11) 13 SEP 2001
			10A. MODIFICATION OF CONTRACTS/ORDER NO. N/A
			10B. DATED (SEE ITEM 13) N/A
CODE		FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**JET GROUT SECTIONS, CONTRACT 1/JET GROUT TEST
AMERICAN RIVER WATERSHED PROJECT (COMMON FEATURES), CALIFORNIA**

1 ENCL

1) REVISED PAGES: PRICING SCHEDULE (10 PAGES) AND 00100 (19 PAGES).

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

SECTION 00010 Solicitation Contract Form

PRICING SCHEDULE

LINE ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
<u>JET GROUT SECTIONS, CONTRACT 1 (SPEC. NO. 1034)</u>					
0001	SITE L2 MOBILIZATION AND DEMobilIZATION, INCLUDING FENCING	1	JOB	LS	\$_____
0002	SITE L3 MOBILIZATION AND DEMobilIZATION, INCLUDING FENCING	1	JOB	LS	\$_____
0003	SITE R2 MOBILIZATION AND DEMobilIZATION, INCLUDING FENCING	1	JOB	LS	\$_____
0004	SITE L2 PRIMARY LINE JET GROUT CUTOFF WALL	2300*	SM	\$_____	\$_____
0005	SITE L3 PRIMARY LINE JET GROUT CUTOFF WALL	2050*	SM	\$_____	\$_____
0006	SITE L4 PRIMARY LINE JET GROUT CUTOFF WALL	1500*	SM	\$_____	\$_____
0007	SITE L4A PRIMARY LINE JET GROUT CUTOFF WALL	650*	SM	\$_____	\$_____
0008	SITE R2 PRIMARY LINE JET GROUT CUTOFF WALL	1190*	SM	\$_____	\$_____
0009	SECONDARY LINE JET GROUT TREATMENT, FULL CYLINDRICAL COLUMN				
0009AA	0 TO 1400	1400	SM	\$_____	\$_____
0009AB	1401 & OVER	900	SM	\$_____	\$_____
0010	JET GROUT CUTOFF WALL AT LIGHT RAIL CROSSING	1	JOB	LS	\$_____
0011	CEMENT GROUT				
0011AA	0 TO 12400	12400	CM	\$_____	\$_____
0011AB	12401 & OVER	3300	CM	\$_____	\$_____

0012	DISPOSAL OF JET GROUT WASTE				
0012AA	0 TO 7000	7000	MT	\$_____	\$_____
0012AB	7001 & OVER	3300	MT	\$_____	\$_____
0013	CORE DRILLING				
0013AA	0 TO 750	750	LM	\$_____	\$_____
0013AB	751 & OVER	500	LM	\$_____	\$_____
0014	INSITU WATER PRESSURE TEST				
0014AA	0 TO 50	50	EA	\$_____	\$_____
0014AB	51 & OVER	50	EA	\$_____	\$_____
0015	UNCONFINED COMPRESSIVE STRENGTH TEST				
0015AA	0 TO 500	500	EA	\$_____	\$_____
0015AB	501 & OVER	350	EA	\$_____	\$_____
0016	PERMEABILITY TEST				
0016AA	0 TO 40	40	EA	\$_____	\$_____
0016AB	41 & OVER	20	EA	\$_____	\$_____
0017	ROTARY EXPLORATORY DRILLING				
0017AA	0 TO 750	750	LM	\$_____	\$_____
0017AB	751 & OVER	500	LM	\$_____	\$_____
0018	BOREHOLE CAMERA				
0018AA	0 TO 20	20	DAY	\$_____	\$_____
0018AB	21 & OVER	7	DAY	\$_____	\$_____
0019	DEFORMATION MONITORING POINTS	1	JOB	LS	\$_____

0020	FABRICATION OF CUTTINGS				
0020AA	0 TO 350	350	EA	\$_____	\$_____
0020AB	351 & OVER	180	EA	\$_____	\$_____
0021	EROSION CONTROL	1	JOB	LS	\$_____
0022	SITE L2 SITE EXCAVATION TO DETERMINE PRECISE LOCATION AND POSITION	1	JOB	LS	\$_____
0023	SITE L3 SITE EXCAVATION TO DETERMINE PRECISE LOCATION AND POSITION	1	JOB	LS	\$_____
0024	SITE L4 SITE EXCAVATION TO DETERMINE PRECISE LOCATION AND POSITION	1	JOB	LS	\$_____
0025	SITE L4A SITE EXCAVATION TO DETERMINE PRECISE LOCATION AND POSITION	1	JOB	LS	\$_____
0026	SITE R2 SITE EXCAVATION TO DETERMINE PRECISE LOCATION AND POSITION	1	JOB	LS	\$_____
0027	FILL TWO HOLLOW SECTIONS OF BROKEN PIPE AT 14+180	1	JOB	LS	\$_____
0028	EXCAVATION				
0028AA	0 TO 4000	4000	CM	\$_____	\$_____
0028AB	4001 & OVER	3500	CM	\$_____	\$_____
0029	BITUMINOUS COURSE	75*	MT	\$_____	\$_____
0030	AGGREGATE SURFACING	1420*	CM	\$_____	\$_____
0031	BITUMINOUS SURFACE TREATMENT	3400*	SM	\$_____	\$_____
0032	EROSION AND SEDIMENT CONTROLS	1	JOB	LS	\$_____
0033	SECONDARY LINE JET GROUT TREATMENT, PARTIAL COLUMN				
0033AA	0 TO 700	700	SM	\$_____	\$_____
0033AB	701 & OVER	700	SM	\$_____	\$_____

SUBTOTAL ESTIMATED PRICE
(SPEC 1034) WITHOUT OPTIONS \$ _____
(ITEMS 0001 THRU 0033)

OPTION A (PRICE REQUIRED)

0034 SLOTTED STEEL CASING WITH
LEXAN LINER

0034AA 0 TO 85	85	LM	\$ _____	\$ _____
0034AB 86 & OVER	28	LM	\$ _____	\$ _____

~~OPTION B (PRICE REQUIRED - See Notes following Pricing Schedule)~~

~~0034 SECONDARY LINE~~
~~JET GROUT TREATMENT,~~
~~PARTIAL COLUMN~~

0034AA 0 TO 700	700	SM	\$ _____	\$ _____
0034AB 701 & OVER	700	SM	\$ _____	\$ _____

~~OPTION C (PRICE OPTIONAL - See Notes following Pricing Schedule)~~

~~0035 SECONDARY LINE~~
~~JET GROUT TREATMENT,~~
~~PARTIAL COLUMN ALTERNATE METHOD~~

0035AA 0 TO 700	700	SM	\$ _____	\$ _____
0035AB 701 & OVER	700	SM	\$ _____	\$ _____

SUBTOTAL OPTIONS ESTIMATED
PRICE A, B, AND C \$ _____
(ITEMS 0034 THRU 0035)

SUBTOTAL ESTIMATED PRICE
(SPEC. 1034) INCLUDING ALL
OPTIONS \$ _____
(ITEMS 0001 THRU 0035)

JET GROUT TEST SECTION (SPEC. NO. 1189)

0036	MOBILIZATION AND DEMObILIZATION, INCLUDING FENCING	1	JOB	LS	\$_____
0037	ACTIVE JET GROUTING				
0037AA	0 TO 100	100	HR	\$_____	\$_____
0037AB	101 & OVER	100	HR	\$_____	\$_____
0038	STANDBY JET GROUTING				
0038AA	0 TO 20	20	HR	\$_____	\$_____
0038AB	21 & OVER	60	HR	\$_____	\$_____
0039	DRILLING DEVIATION TESTS ON LEVEE				
0039AA	0 TO 50	50	LM	\$_____	\$_____
0039AB	51 & OVER	150	LM	\$_____	\$_____
0040	STANDBY HIGH PRESSURE PUMPS AND GROUTING PLANT				
0040AA	0 TO 2	2	DAY	\$_____	\$_____
0040AB	3 & OVER	8	DAY	\$_____	\$_____
0041	CEMENT GROUT				
0041AA	0 TO 500	500	CM	\$_____	\$_____
0041AB	501 & OVER	1000	CM	\$_____	\$_____
0042	DISPOSAL OF JET GROUT WASTE				
0042AA	0 TO 500	500	MT	\$_____	\$_____
0042AB	501 & OVER	1500	MT	\$_____	\$_____

0043 CORE DRILLING

0043AA 0 TO 240	240	LM	\$_____	\$_____
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0043AB 241 & OVER	160	LM	\$_____	\$_____
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0044 ROTARY EXPLORATORY DRILLING

0044AA 0 TO 100	100	LM	\$_____	\$_____
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0044AB 101 & OVER	100	LM	\$_____	\$_____
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0045 INSITU WATER
PRESSURE TEST

0045AA 0 TO 20	20	EA	\$_____	\$_____
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0045AB 21 & OVER	20	EA	\$_____	\$_____
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0046 UNCONFINED
COMPRESSIVE
STRENGTH TEST

0046AA 0 TO 80	80	EA	\$_____	\$_____
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0046AB 81 & OVER	320	EA	\$_____	\$_____
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0047 PERMEABILITY
TEST

0047AA 0 TO 10	10	EA	\$_____	\$_____
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0047AB 11 & OVER	10	EA	\$_____	\$_____
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0048 SLOTTED STEEL
CASING WITH
LEXAN LINER

0048AA 0 TO 46	46	LM	\$_____	\$_____
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0048AB 47 & OVER	66	LM	\$_____	\$_____
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0049 BOREHOLE
CAMERA

0049AA 0 TO 8	8	DAY	\$_____	\$_____
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0049AB 9 & OVER	5	DAY	\$_____	\$_____
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0050	CUT TEST EMBANKMENT	1	JOB	LS	\$_____
0051	EXCAVATION	1	JOB	LS	\$_____
0052	FABRICATION OF CUTTINGS				
0052AA	0 TO 660	660	EA	\$_____	\$_____
0052AB	661 & OVER	120	EA	\$_____	\$_____
0053	EROSION CONTROL	1	JOB	LS	\$_____
0054	REMOVE AND REINSTALL LEVEE GATES, LEVEE FENCES, AND OTHER LEVEE SIGNAGE	1	JOB	LS	\$_____
0055	PUMP OUT TEST WELL INSTALLATION AND TESTS, PANEL-COLUMN	1	JOB	LS	\$_____
0056	PUMP OUT TEST WELL INSTALLATION AND TESTS, TEST SHAFT	1	JOB	LS	\$_____
0057	AGGREGATE SURFACING MATERIAL	3000*	MT	\$_____	\$_____
0058	LEASE FOR GOVERNMENT ADMINISTRATIVE OFFICE	1	JOB	LS	\$_____

SUBTOTAL ESTIMATED PRICE
SPEC. (1189) \$_____
(ITEMS 0036 THRU 0058)

TOTAL ESTIMATED PRICE
WITHOUT OPTIONS SPEC. 1034
AND 1189 \$_____
(ITEMS 0001 THRU 0033 & 0036 THRU 0058)

TOTAL ESTIMATED PRICE
WITH OPTIONS SPEC. 1034
AND 1189 \$_____
(ITEMS 0001 THRU 0058)

OPTION D (PRICE OPTIONAL - See Notes following Pricing Schedule)

0059 PARTIAL COLUMN ALTERNATE METHOD

0059AA 0 TO 5	5	HR	\$ _____	\$ _____
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0059AB 6 & OVER	5	HR	\$ _____	\$ _____
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SUBTOTAL OF OPTION D	\$ _____
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SUBTOTAL SPEC. (1189)	
WITH OPTION D	\$ _____
(ITEMS 0036 THRU 0059)	

TOTAL ESTIMATED PRICE	
SPEC. 1034 AND 1189	\$ _____
(ITEMS 0001 THRU 0059)	

* QUANTITY IS AN ESTIMATED AMOUNT. SEE SECTION 00700, FAR 52.211-18, FOR VARIATION IN ESTIMATED QUANTITY CONTRACT CLAUSE.

HR - HOUR
 LM - LINEAR METER
 CM - CUBIC METER
 MT - METRIC TON
 EA - EACH
 LS - LUMP SUM
 SM - SQUARE METER

PRICING SCHEDULE NOTES:

1. Prices must be submitted on all individual items of this Pricing Schedule, with the exception of **optional line items 0059AA & 0059AB (Option D)**. Failure to do so may cause the proposal to be determined "unacceptable".

Special Notes:

Option A may be exercised after completion of the Test Section work, at the discretion of the Government. Use of the Lexan liner will be evaluated as part of the Test Section.

Optional line items 0059AA & 0059AB (Option D) may be completed if the offeror proposed an alternative method in response to Factor 3, Subfactor 3b, Partial Column Capability, in their technical proposal.

Option line items 0059AA & 0059AB (Option D) may be awarded at any time during contract performance, at the discretion of the Government. Option D will not be used in determination of the cost/price for contract award. See Section 00100, Cost/Price Proposal Evaluation, for additional information.

2. If a modification to a price based on unit price is submitted which provides for a lump sum adjustment to the total estimated price, the applications of the lump sum adjustment to each unit price in the Pricing Schedule must be stated. If it is not stated, the bidder/offeror agrees that the lump sum adjustment shall be applied on a pro rata basis to every unit price in the Pricing Schedule.

3. The bidder/offeror shall distribute his indirect costs (overhead, profit, bond, etc.) over all the items in the Pricing Schedule. The Government will review all submitted Pricing Schedules for any unbalancing of the items, **including optional line items**. Any submitted Pricing Schedule determined to be unbalanced may cause the proposal to be determined "unacceptable".

4. The lump sum, "LS", line items above are not "estimated quantity" line items and therefore are not subject to the Variation in Quantity contract clause.

5. VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS (EFARS 52.211-5001)

This Variation in Estimated Quantities clause is applicable only to Items Nos. 0009, 0011 through 0018, 0020, 0028, **0033,Optional line item 0034**, 0037 through 0049, 0052 and Optional line item 0059.

a. Variation from the estimated quantity in the actual work performed under any second or subsequent sub-item or elimination of all work under such a second or subsequent sub-item will not be the basis for an adjustment in contract unit price.

b. Where the actual quantity of work performed for Items Nos. 0009, 0011 through 0018, 0020, 0028, **0033,Optional line item 0034**, 0037 through 0049, 0052 and Optional line item 0059 is less than 85% of the quantity of the first sub-item listed under such item, the contractor will be paid at the contract unit price for that sub-item for the actual quantity of work performed and, in addition, an equitable adjustment shall be made in accordance with the clause FAR 52.211-18, Variation in Estimated Quantity.

c. If the quantity of work performed under Items Nos. 0009, 0011 through 0018, 0020, 0028, **0033,Optional line item 0034**, 0037 through 0049, 0052 and Optional line item 0059 exceeds 115% or is less than 85% of the total estimated quantity of the sub-items under that item, and/or if the quantity of work performed under the second sub-item or any subsequent sub-item under Item Nos. 0009, 0011 through 0018, 0020, 0028, **0033,Optional line item 0034**, 0037 through 0049, 0052 and Optional line item 0059 exceeds 115% or is less than 85% of the estimated quantity of any such sub-item, and if such variation causes an increase or a decrease in the time required for performance of this contract, the contract completion time will be adjusted in accordance with the clause FAR 52.211-18, Variation in Estimated Quantity.

6. EFARS 52.214-5000 ARITHMETIC DISCREPANCIES (MAR 1995)

(a) For the purpose of initial evaluation of bids/offers, the following will be utilized in resolving arithmetic discrepancies found on the face of the Pricing Schedule as submitted by bidders/offerors:

- (1) Obviously misplaced decimal points will be corrected;
- (2) Discrepancy between unit price and extended price, the unit price will govern;
- (3) Apparent errors in extension of unit prices will be corrected;
- (4) Apparent errors in addition of lump-sum and extended prices will be corrected.

(b) For the purpose of bid/offer evaluation, the Government will proceed on the assumption that the bidder/offeror intends the bid/offer to be

evaluated on basis of the unit prices, the totals arrived at by resolution of arithmetic discrepancies as provided above and the bid/offer will be so reflected on the abstract of bids/offers.

(c) These correction procedures shall not be used to resolve any ambiguity concerning which bid/offer is low.

EVALUATION CRITERIA FOR AWARDTRADEOFF PROCESS

The Government will select the proposal that represents the best value to the Government by using the tradeoff process. This process permits tradeoffs among cost or price and non-cost factors and allows the Government to accept other than the lowest priced proposal.

SOURCE SELECTION DECISION

The source selection decision will be based on a comparative assessment of competing proposals against all source selection criteria as listed within this RFP.

RELATIVE IMPORTANCE OF PRICE TO OTHER FACTORS:

(1) Award will be made to that offeror whose proposal contains the combination of those criteria offering the best overall value to the Government. This will be determined by comparing differences in the value of non-cost technical and management features with differences in price to the Government.

(2) In making this comparison, all evaluation factors other than cost or price, when combined, are significantly more important than cost or price. The Government is more concerned with obtaining superior technical or management features than with making an award at the lowest overall cost to the Government. ~~However, the Government will not make an award at a significantly higher overall cost to the Government to achieve slightly superior technical or management features.~~

(3) The degree of importance of cost as a factor could become greater depending upon the equality of the proposals for other factors evaluated. Where competing proposals are determined to be substantially equal, cost factors could become the controlling factor.

INSTRUCTIONS FOR SUBMISSION OF PROPOSALSTechnical/Management and Cost/Price Proposal Packaging Guidelines.

a. Each offeror must respond to this Request for Proposals with both a cost/price proposal and a technical/management proposal. The cost/price proposal and the technical/management proposal are to be prepared as two physically distinct volumes but submitted together prior to the closing date and time specified for this solicitation, in accordance with the instructions herein.

b. Due to space and storage constraints, and in order to reduce Government handling time, compliance with the following recommended packaging guidelines is requested for both the written technical/management and cost/price proposals.

(1) Submit only typed/printed hard-copy paper documents, unless specifically authorized elsewhere in this solicitation. Evaluation personnel will not have access to the equipment necessary to review video tapes or other audio-visual materials, including computer media.

(2) Three-ring binders/notebooks are preferred. The use of pressboard report covers with compression-type fasteners or spring-action clamps is acceptable. Do not exceed the recommended capacity of the binder/fastener as your proposal will receive extensive handling.

(3) The use of plastic multi-hole/spiral binding systems, heat binding systems, or other systems which do not facilitate the ready insertion of additional pages is not desired as changes to your proposal may result from negotiations, if discussions are held.

CAUTION: All information intended to be evaluated as part of the technical/management proposal (e.g., past performance information, past experience information, past record of conformance with small business program requirements, etc.) must be submitted as part of the technical/management proposal, if applicable. Do not cross-reference material submitted with the cost/price proposal (e.g., the Pre-Award Survey or the Subcontracting Plan) in the technical/management proposal. Any such information in the cost/price proposal that is referenced but not provided as part of the technical/management proposal will not be considered during the technical/management evaluation, and vice versa.

TECHNICAL/MANAGEMENT PROPOSAL:

a. The technical proposal will consist of all information and material submitted or provided either verbally or in writing (as specified for each factor) for evaluation in response to the technical evaluation factors and significant subfactors, as specified in this section of this solicitation. No dollar amounts from the price proposal are to be included in the technical proposal.

b. Number of copies: Submit the original and 5 copies of the written technical proposal.

c. Format and Related Instructions:

(1) Technical proposals will be evaluated in direct correspondence to the technical evaluation criteria, therefore, technical proposals are to be formatted in accordance with the listed order of the evaluation factors and subfactors.

CAUTION: If the offeror fails to provide information relating to the criteria or locates the information in another part of the technical/management proposal without providing cross references, the offeror risks receiving a lower evaluation if evaluators are not able to readily locate the appropriate information. The Government is not responsible for finding information that is not clearly cross-referenced.

(2) Page Limitations: All page limitations, whether specified for the entire technical proposal, or for specific submissions, will be strictly enforced. Any pages in excess of the limitation(s) will not be evaluated. The technical proposal shall be limited to 100 pages. Should information to be submitted as part of the technical proposal be exempt from the page limitation, that exemption will be so stated in the specific instructions to offerors under the associated evaluation factor. One side of the paper counts as one page; information on the back and front of one piece of paper

will be counted as two pages. Fold out pages (8 ½" x 14" or 11" x 17") may be used only for graphical presentation (matrices, etc.) and will count for one page, if used. Sheets larger than 8 ½" x 11" may not be used for narrative information.

(3) Pages shall be single spaced (line spacing of 1.0) using Times New Roman font or similar, with font size no smaller than 11 point, as printed in Word. Smaller font, but no smaller than 8 point, may be used for graphical presentations but must be legible. Proposals shall have at least a one-inch margin on all sides. Header/footer/page number information may be placed inside the margins using a font size 8 point or larger. All pages included in the page count shall be numbered sequentially.

(4) The original and all copies of the technical proposal will be appropriately labeled as such, and shall conform to the following format and contents.

(a). Title Page, including the solicitation number, name of the offeror, and date of submission (exempt from the proposal page limitation).

(b). Table of Contents, including a list of tables, drawings, maps, exhibits, or other attachments (exempt from the proposal page limitation).

(c). Responses to Evaluation Factors and Significant Subfactors (included in the proposal page limitations unless otherwise specified herein).

It is highly recommended that offerors use tabs to separate each factor/subfactor in their presentation of the technical proposal information. Tabs to separate factors/subfactors are excluded from the page limitation. Responses to factors should be presented in order of Factors as presented herein. Factors and corresponding evaluation criteria are presented in their order of importance.

TECHNICAL FACTORS AND CORRESPONDING TECHNICAL EVALUATION CRITERIA:

FACTOR 1: TECHNICAL EXPERIENCE IN JET GROUT CONSTRUCTION:

a. Information to be submitted by Offerors (Factor 1):

(1) Offerors must provide all information requested below to demonstrate satisfactory completion of jet grout construction projects similar in size and complexity to that of the proposed contract under this solicitation. Offerors must submit at least two but not more than four projects that meet the criteria of "Project Type A" as described below and at least two but not more than four projects that meet the criteria of "Project Type B" as described below. Multiple equipment set-ups on any one project/contract cannot be utilized to satisfy more than one project listed for either Project Type A or Project Type B. Failure to submit projects of both types will render an offer unacceptable.

"Project Type A":

Jet grouting application: Cutoff wall in an embankment or non-embankment application

Type of jet grouting: Triple Fluid System
 Minimum depth: 20 meters
 Minimum surface area: 4000 square meters

"Project Type B":

Jet grouting application: Underpinning of building or structure
 Type of jet grouting: Triple Fluid System
 Minimum depth: 10 meters
 Minimum total length of injection: 1000 linear meters
 Minimum compressive strength: 3.5 MPa

(2) For purpose of this solicitation the following definitions of the above terms are provided:

"Triple Fluid System": Triple fluid system is a system in which drill/jet rods are designed to inject three different fluids; air, high pressure water, and pressurized cement grout through jets. This process excavates soil using an air/water jet and grout injection using a jet located below the point where the air/water jet is located. The jet rod/pipe is lifted and rotated at a slow constant incremental speed to achieve thorough mixing and continuous geometry.

"Cutoff wall": Cutoff wall is a continuous barrier that impedes the flow of groundwater in order to control through seepage and/or underseepage.

"Minimum total length of injection": Minimum total length of injection is equal to the sum of the lengths of all triple fluid columns formed.

(3) All projects submitted must have commenced performance since January 1, 1996. Contracts should demonstrate the offeror's experience relative to work requirements of this solicitation, Section 00100, Statement of Work, and construction specifications. The following information shall be provided for each project under each project type:

- (a) Contractor Name and Location
- (b) Contract Number
- (c) Contract Award Date
- (d) Contract Type (e.g., fixed price, cost reimbursable, etc.)
- (e) Contract Period of Performance/Term (ex. 18 months)
- (f) Contract Dollar Amount
- (g) Contract Dollar Value Performed by the Prime and/or team subcontractors proposed under this solicitation
- (h) Date of Customer/Project Owner final acceptance of all work under the contract
- (i) Name of Procuring Organization and Project Owner
- (j) Address of Procuring Organization and Project Owner
- (k) Procuring Organization's Contracting Officer (Name, Phone/Fax Numbers, email address)
- (l) Project Owner's Technical Point of Contact (Name, Phone/Fax Numbers, email address)
- (m) State whether the contract was performed as the prime contractor or subcontractor. If performed as a prime, list team subcontractors and their responsibilities on the contract. If performed as a subcontractor, list the prime contractor for the contract

(n) Brief Project Description including but not limited to methodologies utilized, equipment utilized, site conditions and:

- Copy of the actual page(s) of the specification documents which state:
 - "Project Type A" - The type of jet grouting; the required depth and length of the cutoff wall; variation of the drilling deviations, and the allowable maximum permeability.
 - "Project Type B" - The type of jet grouting, the required depth of treatment; length or area of treatment; and the required minimum compressive strength.
- Copy of the complied test results for the entire project showing :
 - "Project Type A" - permeability vs. station provided in either a table or plotted format.
 - "Project Type A" - maximum percent drilling deviations vs. station provided in either a table or plotted format.
 - "Project Type B" - compressive strength at the specification age.

****Important Notes****

Copies of specifications pages provided under this factor are excluded from the overall page limitation for the technical proposal.

No other documentation is acceptable in lieu of a copy of the final strength and permeability test results.

In the event that the contract specifications are no longer available, the Offeror must provide in their project description a statement that the project specifications are no longer available and then must specifically address the submission requirements of the applicable project type, providing all of the information required in (n) above.

Contract specifications pages provided, as requested above, must be in English or translated to English with the original pages attached.

If the contract specifications provided for a project submitted either allowed for more than one acceptable alternative (i.e., type of jet grouting and/or method of construction) or did not specifically address an item (e.g., equipment required to perform the work), the Offeror must provide in their project description a statement that specifically addresses each submission requirement and provides the required information (e.g. type of jet grouting, and or method of construction) required in (n) above. If the contract specifications provided differ from the actual work performed, offerors shall provide a discussion of what work was actually performed and the events governing changes (differing site conditions, Government direction, etc.) from the specifications.

Projects considered "Confidential" in nature cannot be used to meet the experience requirement of this solicitation unless all of the information required for evaluation purposes as specified herein can be provided to the Government as part of the Offeror's technical proposal. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, must be clearly mark the data

in accordance with the instructions at FAR 52.215-1, "Instructions to Offerors-Competitive Acquisition", paragraph (e), "Restriction on disclosure and use of data".

b. Evaluation criteria (Factor 1).

Factor 1 is the most important factor. The Government will evaluate each Offeror's experience on the basis of its breadth, its depth, and its relevance to the work that will be required under the prospective contract. Responses to this factor will be evaluated to determine the offeror's understanding of the work/processes to be utilized for work outlined in this solicitation and the relevance of offeror's project experience for both project types to the work proposed in this solicitation. In addition, offerors will be evaluated on each project type as follows:

"Project Type A" -- Projects submitted for this project type will be evaluated for:

- Demonstrated experience in cutoff wall work in an embankment versus non-embankment work similar to work required under this contract; and
- Demonstrated experience in construction of a cutoff wall at depths and lengths similar to that proposed in the statement of work and specifications for the proposed contract.
- Experience at achieving permeability of cutoff wall as expected for work under this contract.
- Experience at achieving maximum 1 percent drilling deviation in ~~cobble-gravel~~ ~~gravelly~~ soils similar to conditions indicated in this contract.

"Project Type B" -- Projects submitted for this project type will be evaluated for:

- Demonstrated experience specific to underpinning of structures sensitive to ground movement.

FACTOR 2: ORGANIZATIONAL AND KEY PERSONNEL EXPERIENCE:

a. Information to be submitted by Offerors (Factor 2):

(1) Subfactor 2a: Organizational Overview. Offerors shall provide their proposed organizational chart specifically identifying individuals to be assigned to key personnel positions (project manager, project superintendent, on-site quality control personnel, jet grouting specialist, jet grouting operators, safety management personnel) and all proposed team subcontractors. The organizational chart shall also identify the line of authority within the organization, authority of key personnel, and authority between all proposed team subcontractors and the prime. Offeror's shall indicate the extent to which the offeror and its proposed subcontractors have worked together in the past on projects same/similar to this solicitation. Joint ventures shall provide additional information regarding any limits of responsibility of the parties. The lines of responsibility for the joint venture organization and identification of the firm each employee in the organizational chart belongs to is also required for joint venture offerors.

(2) Subfactor 2b: Key Personnel. Offerors shall provide resumes of key personnel. Key personnel for the purposes of this solicitation are considered to be the project manager, project superintendent, on-site quality control personnel, jet grouting specialist(s), jet grouting operator(s), and safety management personnel. As a minimum, resumes must be submitted for contractor (prime and/or subcontractor) employees proposed for "key personnel" positions. It is requested by the Government that offerors cross-reference proposed key personnel's related experience to any projects provided in response to Factors 1 and 3 to aid in the Government's evaluation of personnel qualifications and/or training. Resumes shall include all experience and training relevant to this project as included in this project's statement of work and specifications. Each resume shall be no more than one page in length. Resumes for the following categories are excepted from the one page limitation, but may not be more than three pages in length:

- Jet Grouting Specialist: The resume(s) of personnel proposed in this category shall indicate at least 3 years of continuous experience during the past 5 years. Experience and training provided should be reflective of the projects and project types in Factor 1 above. Information submitted shall support that the Jet Grouting Specialist is knowledgeable in all aspects of jet grouting including but not limited to:
 - Techniques to minimize drilling deviations
 - Control and monitoring of grout placement
 - Mixing methods required to properly mix grout
 - Jet grout equipment required for controlling grout, water, air, lift speed, and depth
 - Testing required for cutoff wall construction
 - Procedures to insure a safe operation
- Jet Grouting Operator: The resume(s) of personnel proposed in this category shall indicate at least 3 years of continuous experience during the past 5 years. Experience and training provided should be reflective of the projects and project types in Factor 1 above. Information submitted shall support that the Jet Grouting Operator is knowledgeable in all aspects of jet grouting including but not limited to:
 - Techniques to insure safe operation
 - Operation and maintenance of jet grouting drills/rods
 - Operation and maintenance of grouting plants
 - Operation and maintenance of high pressure pumping equipment required to perform triple fluid jet grouting

b. Evaluation criteria (Factor 2). Factor 2 is somewhat less important than Factor 1, with Subfactors 2a and 2b approximately equal in importance.

(1) Subfactor 2a: Organizational Overview. Offerors' organizational charts will be evaluated to determine the ability to respond to the requirements of the contract. The Government will consider the amount of authority vested in key individuals. The Government will consider the extent to which the Offeror and its proposed key subcontractors have worked together in the past on same/similar projects to this solicitation. Offerors who are the prime contractor under this

proposal and will be performing the jet grout work with their own resources (in-house) may receive additional credit in the evaluation of this subfactor.

(2) Subfactor 2b: Key Personnel. Responses to this subfactor shall be evaluated for the offeror's compliance with providing key personnel for the proposed contract who meet the qualifications stated in paragraph a(2) above for this Factor. Key personnel experience will also be evaluated for the quality, depth and breadth of experience and training relative to the work described in the solicitation as well as compliance with minimum specified qualifications. Offeror's who propose key personnel with direct experience on projects provided in response to Factors 1 and 3 may receive additional credit during the evaluation. Specifically the following labor categories will be evaluated as follows:

- a. Jet Grouting Specialist: The Government will evaluate personnel proposed in this category to determine the depth and breadth of their training and relevant experience along with any minimum specified qualifications/experience and demonstrated experience in all aspects of jet grouting including but not limited to:
 - Techniques to minimize drilling deviations
 - Control and monitoring of grout placement
 - Mixing methods required to properly mix grout
 - Jet grout equipment required for controlling grout, water, air, lift speed, and depth
 - Testing required for cutoff wall construction
 - Procedures to insure a safe operation
- b. Jet Grouting Operator: The Government will evaluate the key personnel identified to determine the depth and breadth of their training and relevant experience along with any minimum specified qualifications/experience and demonstrated experience in all aspects of jet grouting including but not limited to:
 - Techniques to insure safe operation
 - Operation and maintenance of jet grouting drills/rods
 - Operation and maintenance of grouting plants
 - Operation and maintenance of high pressure pumping equipment required to perform triple fluid jet grouting

FACTOR 3: SPECIALIZED TECHNICAL CAPABILITIES.

a. Information to be submitted by Offerors (Factor 3):

(1) Subfactor 3a: Measurement of Drilling Deviations: A portion of the Jet Grout Test Section objective is to evaluate drilling deviations in order to benefit the production work. The Offerors shall describe how they will measure drilling deviations including sizes and type of equipment for work under this solicitation. The capability of measuring drilling deviations through the jet grout drill rods or instruments attached to the rods during drilling shall be addressed as it pertains to the work proposed herein.

(2) Subfactor 3b: Partial Column Capability: The Jet Grout Test Section **and Jet Grout Sections-Contract 1** requires the formation of partial columns (the definition of a partial column is provided in specification numbers 1034 and 1189). The Offeror shall describe how they will accomplish forming the partial columns **as outlined in the contract specifications, including a description of equipment to be utilized** for work under this solicitation. **Offerors may also propose an alternate triple fluid jet grouting method for forming a partial column for this work. Any proposed alternative method shall be provided in addition to the offerors' submittal on the method outlined in the contract specifications. If an alternate system is also proposed, a description of the proposal to accomplish the objective of treating the areas as shown on sheet C-3 of the Jet Grout Test Section drawings shall be provided.** Descriptions provided for any alternative method proposed are excluded from the page count for the technical proposal. If there are past projects that have required the formation of partial columns, the following shall be submitted:

- (a) Contract Title and Location
- (b) Contract number
- (c) Name and address of the Prime Contractor
- (d) Complete name and address of Customer/Project Owner
(Government agency, commercial firm, or other organization or entity for whom work was performed)
- (e) Date of contract award
- (f) Depth of treatment **and method utilized**
- (g) Description of subsurface conditions obtained from subsurface explorations and or reports (i.e. groundwater level, layer thicknesses, particle size distribution, consistency, density)

(3) Subfactor 3c: 4-Meter Long Triple Fluid Panels: **Part of** the Jet Grout Test Section is to **create and evaluate the features of panel construction**. Panel construction is required in the production work. The Offeror shall provide their proposed method for forming triple fluid 4-meter long panels for work under this solicitation. Offerors shall also provide a discussion of whether or not they have constructed 4-meter long panels in past projects. If offeror has not constructed 4-meter long panels, then the offeror shall discuss the longest panel constructed **of this type**. If there are past projects that have 4-meter panels or **panels of other lengths (longest)** constructed by offeror, the following shall be submitted:

- (a) Contract Title and Location
- (b) Contract number
- (c) Name and address of the Prime Contractor
- (d) Complete name and address of Customer/Project Owner
(Government agency, commercial firm, or other organization or entity for whom work was performed)
- (e) Date of contract award
- (f) Depth of treatment
- (g) Description of subsurface conditions obtained from subsurface explorations and or reports (i.e. groundwater level, layer thicknesses, particle size distribution, consistency, density)

(4) Subfactor 3d: 2 to 2.5-Meter Diameter Triple Fluid Columns: The Offeror shall provide their proposed method for forming 2 to 2.5-meter diameter triple fluid columns for work under this solicitation and whether or not they have formed 2 to 2.5-meter diameter columns in past

projects. If there are past projects that have 2 to 2.5 meter diameter columns, the following shall be submitted:

- (a) Contract Title and Location
- (b) Contract number
- (c) Name and address of the Prime Contractor
- (d) Complete name and address of Customer/Project Owner
(Government agency, commercial firm, or other organization or entity for whom work was performed)
- (e) Date of contract award
- (f) Depth of treatment
- (g) Description of subsurface conditions obtained from subsurface explorations and or reports (i.e. groundwater level, layer thicknesses, particle size distribution, consistency, density):

(5) Subfactor 3e: Jet Grouting Under Railroad Crossings: The Offeror shall provide their proposed method for jet grouting under railroad crossings which includes method of controlling and conducting jet grout cuttings to prevent ballast contamination and to control ground movement. If there are past projects that have involved jet grouting under active railroad tracks, the following shall be submitted:

- (a) Contract Title and Location
- (b) Contract number
- (c) Name and address of the Prime Contractor
- (d) Complete name and address of Customer/Project Owner
(Government agency, commercial firm, or other organization or entity for whom work was performed)
- (e) Date of contract award
- (f) Depth of treatment
- (g) Description of subsurface conditions obtained from subsurface explorations and or reports (i.e. groundwater level, layer thicknesses, particle size distribution, consistency, density):

(6) Subfactor 3f: Bottom Hole Pressure Measurements During Jet Grouting: The Offeror shall indicate their capabilities to modify their existing triple fluid jet grouting system to measure in real time bottom hole pressures generated during triple fluid jet grouting. If the Offeror can adapt their equipment, the Offeror shall indicate impacts to the proposed work and schedule under this contract should modifications to their existing triple fluid jet grouting system be necessary or proposed. If there are past projects that have implemented the use of a modified triple fluid jet grouting system which measures bottom hole pressure from their existing system successfully, the following shall be submitted:

- (a) Contract Title and Location
- (b) Contract number
- (c) Name and address of the Prime Contractor
- (d) Complete name and address of Customer/Project Owner
(Government agency, commercial firm, or other organization or entity for whom work was performed)
- (e) Date of contract award

- (f) Depth of treatment
- (g) Description of subsurface conditions obtained from subsurface explorations and or reports (i.e. groundwater level, layer thicknesses, particle size distribution, consistency, density):

b. Evaluation criteria (Factor 3). Factor 3 is roughly equal to Factor 2. Subfactors 3a and 3b are equal in importance. Subfactor 3c and Subfactor 3d are equal in importance and each is slightly less important than either Subfactor 3a or 3b. Subfactor 3e is slightly less important than either Subfactor 3c or 3d. Subfactor 3f is slightly less important than Subfactor 3e.

(1) Subfactor 3a: Measurement of Drilling Deviations: A portion of the Jet Grout Test Section objective is to evaluate drilling deviations. Offerors shall be evaluated on viability of the proposed methodologies for measuring drilling deviations and demonstrated experience utilizing varying sizes and types of equipment to include the use of jet grout drill rods. Depth and breadth of experience will be evaluated as it is relevant to the proposed work under this solicitation.

(2) Subfactor 3b: Partial Column Capability: The Jet Grout Test Section **and Jet Grout Sections-Contract 1** requires the formation of partial columns. Offerors shall be evaluated on the proposed methodologies for how they will accomplish forming the partial columns including the proposed equipment for the work, **as outlined in the contract specifications. Some additional** credit may be given under this subfactor for alternate systems proposed by the offeror **for the Jet Grout Test Section**, if in the Government's evaluation of the alternative system, it is considered a viable alternative based on the description of the system in accomplishing the objective of treating the jet grout column intersections and the alternative method meets the contract specifications for range of treatment (see specifications 1034 and 1189, and Pricing Schedule Section 00010). Depth and breadth of experience will be evaluated as to the relevancy to the proposed work under this solicitation.

(3) Subfactor 3c: 4-Meter Long Triple Fluid Panels: **Part of** the Jet Grout Test Section is to be used to evaluate panel construction and panel construction is required in the production work. Offerors shall be evaluated on their proposed method for forming triple fluid 4-meter long panels for work under this solicitation. Offerors will also be evaluated on demonstrated experience in constructing 4-meter long panels in past projects that are relevant to that work proposed under this solicitation.

(4) Subfactor 3d: 2 to 2.5-Meter Diameter Triple Fluid Columns: Offerors shall be evaluated on their proposed method for forming 2 to 2.5-meter diameter columns for work under this solicitation. Offerors will also be evaluated on demonstrated experience in forming 2 to 2.5-meter diameter columns in past projects that are relevant to that work proposed under this solicitation.

(5) Subfactor 3e: Jet Grouting Under Railroad Crossings: Offerors shall be evaluated on their proposed method for jet grouting under railroad crossings including demonstrated method(s) of controlling and conducting jet grout cuttings to prevent ballast contamination and to control of ground movement.

(6) Subfactor 3f: Bottom Hole Pressure Measurements During Jet Grouting : Offerors shall be evaluated on their proposed method for adapting their triple fluid system for measuring bottom hole pressures during jet grouting for work under this solicitation, **should such an adaptation be necessary. The Government shall evaluate any work or schedule impacts as indicated by the offeror against the schedule for this project as outlined in the contract specifications.**

FACTOR 4: PAST PERFORMANCE.

a. Information to be submitted by Offerors (Factor 4):

(1) This factor considers the offeror's past performance on projects/contracts listed in the offeror's response to Factors 1, 2, and 3 above. No additional information is required from offeror's in response to this evaluation factor, however, offeror's are cautioned to insure the reference information provided for each project/contract in Factors 1, 2, and 3 is complete, current, and accurate. The Government may contact references indicated in the project information provided for further contractor performance information and may review ACASS / CCASS / SSCASS / PPIMS ratings on file for prior Architect-Engineer, Construction, and/or Service contracts the offeror may have had.

(2) Past performance information obtained from other sources than those identified by the offeror may be used. At no time during the selection and award processes, nor during the debriefing or after award, will the offeror be given the names of the individuals providing reference information about an offeror's past performance. If an offeror has not had a chance to comment on negative past performance evaluations obtained by the Source Selection Evaluation Board, the offeror will be given a chance during discussions, if discussions are entered into. NOTE: Past performance information pertaining to a proposed subcontractor cannot be disclosed by the Government to the proposed prime contractor (offeror) without the proposed subcontractor's consent. Therefore, if subcontractor past performance information is being provided or utilized by the offeror, the offeror must also submit as part of its offer the subcontractor's consent for release of subcontractor past performance information to the prime contractor (offeror). Such releases will not count against the page limitation.

b. Evaluation criteria (Factor 4). Factor 4 significantly less important than Factor 3.

Projects / contracts listed in information provided for Factors 1, 2, and 3 shall be utilized in the evaluation of this factor. Experience will be evaluated on: the quality of services provided; record of conformance to contract requirements and standards of good workmanship; cost control; adherence to contract schedules, including the administrative aspects of

performance; business relationships (reasonable/cooperative behavior); commitment to customer satisfaction; timely award and management of subcontracts; regulatory compliance; and quality control of work product. The evaluation may take into account the number and severity of problems and the demonstrated effectiveness of corrective actions taken within the overall work record. All relevant facts, circumstances, and information gathered from the offeror's listed references and other sources available to the Government will be used to evaluate the offeror's overall past performance and quality of performance.

FACTOR 5, SOCIO-ECONOMIC CONSIDERATIONS.

Important Note to Large Businesses: If you are a large business, do not include the Subcontracting Plan as your response to either subfactor under this factor. Also, do not simply provide a cross reference to the Subcontracting Plan, which is to be provided by large businesses as part of the Price Proposal.

a. Information to be submitted by Offerors (Factor 5):

(1) Subfactor 5a, Participation of Small Business Concerns, Historically Black Colleges and Universities, and Minority Institutions (SBC/HBCU/MI). NOTE: All offerors regardless of business size status are required to respond to this subfactor.

Provide a narrative discussion that addresses the participation of Small Business Concerns (SBCs) and Historically Black Colleges and Universities and Minority Institutions (HBCU/MIs) in the performance of work under the prospective contract. Your discussion should address the following:

- The extent to which proposed SBCs and HBCU/MIs are specifically identified by name by the Offeror;
- The extent of commitment by the Offeror to use the specifically identified firms, whether as a joint venture, teaming arrangement, or subcontractor;
- The complexity and variety of the work the identified firms are to perform.

(2) Subfactor 5b, Small Disadvantaged Business (SDB) Participation (limited to the participation of SDB concerns in the performance of the contract under the Authorized NAICs Codes and for construction, by SDB concerns located in the Authorized Regions). NOTE: All offerors regardless of business size status are required to respond to this subfactor.

OTHER IMPORTANT NOTES PERTAINING TO SUBFACTOR 5B:

See FAR 19.12 for further information pertaining to the requirement for this subfactor. The Authorized NAICs Major Groups/Regions are available on the Internet at:

<http://www.arnet.gov/References/sdbadjustments.htm>.

An offeror who is proposing the participation of SDB concerns in the performance of the contract (under the Authorized NAICs Codes and for

construction, by SDB concerns located in the Authorized Regions) must provide a narrative discussion as described below in response to this subfactor.

An offeror who is not proposing the participation of SDB concerns in the performance of the contract (under the Authorized NAICs Codes and for construction, SDB concerns location in the Authorized Regions) must specifically address the rationale for not utilizing such concerns in the performance of the contract. Offerors who present valid reasons for not proposing SDB participation under the Authorized NAICs Major Groups/Regions will not be disqualified from consideration for contract award based solely on the lack of proposed SDB participation under this subfactor.

In order to receive consideration for SDB participation in performance of the contract, when and where authorized (see FAR Subparts 19.12 and the above website URL), offerors must provide, with their offers, targets, expressed as dollars and percentages of total contract value, in each of the applicable authorized NAICS Major Groups and a total target for SDB participation by the contract, including joint venture partners, and team members; a total target for SDB participation by subcontracts. An offeror that is a certified SDB concern must also provide a target for work it intends to perform as the prime contractor. These targets will be incorporated into and will become a part of any resulting contract. Additionally, contractors with SDB participation targets will be required to report SDB participation during performance of the contract. (See the provision at FAR 52.219-24, Small Disadvantaged Business Participation Program Targets, located in this section, and the clause at FAR 52.219-25, Small Disadvantaged Business Participation Program - Disadvantaged Status and Reporting, located in Section I).

The SDB concerns considered in the evaluation will be listed in the contract, and the contractor shall be required to notify the contracting officer of any substitutions of firms that are not SDB concerns.

If authorized elsewhere in the solicitation, monetary incentives may be authorized for exceeding SDB subcontracting targets. The incentive, if elsewhere authorized, shall be paid only if an SDB subcontract target was exceeded as a result of actual subcontract awards to SDBs, and not as a result of developmental assistance credit under the Pilot Mentor-Protégé Program. (See the clauses at 52.219-26, Small Disadvantaged Business Participation Program - Incentive Contracting, location in this section).

Submission Requirement for Subfactor 5b:

Provide a narrative discussion that addresses the participation in the performance of the work under the prospective contract of SDB concerns under the Authorized NAICs Major Groups and for construction, by SDB concerns located in the Authorized Regions. Your discussion should specifically address the following:

- Specific identification of SDB concerns participating in the prospective contract;
- The offeror's commitment to use SDB concerns;

- The complexity and variety of the work SDB concerns are to perform;
- Past performance of offerors in complying with subcontracting plan goals for SDB concerns and monetary targets for SDB participation; and
- The extent of participation of SDB concerns in terms of the value of the total acquisition.

b. Evaluation criteria (Factor 5). Factor 5 is somewhat less important than Factor 4, with Subfactors 5a and 5b approximately equal in importance.

(1) Subfactor 5a, Participation of Small Business Concerns, Historically Black Colleges and Universities, and Minority Institutions (SBC/HBCU/MI). This subfactor is weighted equal to subfactor 5b. Response to this subfactor will be evaluated to determine:

- The extent to which proposed SBCs and HBCU/MIs are specifically identified by name by the Offeror;
- The extent of commitment by the Offeror to use the specifically identified firms, whether as a joint venture, teaming arrangement, or subcontractor;
- The complexity and variety of the work the identified firms are to perform.

(2) Subfactor 5b, Small Disadvantaged Business (SDB) Participation (limited to the participation of SDB concerns in the performance of the contract under the Authorized NAICs Codes and for construction, by SDB concerns located in the Authorized Regions). This subfactor is weighted equal to subfactor 5a. Response to this subfactor will be evaluated to determine:

- The extent to which SDB concerns in the authorized NAICs subsection and for Construction in Authorized Regions are specifically identified for work under the prospective contract;
- The extent of commitment to use SDB concerns in the authorized NAICs subsection and for Construction in Authorized Regions (for example, enforceable commitments are to be weighted more heavily than non-enforceable ones);
- The complexity and variety of the work SDB concerns in the authorized NAICs subsection and for Construction in Authorized Regions are to perform;
- Past performance of offerors in complying with subcontracting plan goals for SDB concerns in the authorized NAICs subsection and for Construction in Authorized Regions and monetary targets for SDB participation; and
- The extent of participation of SDB concerns in the authorized NAICs subsection and for Construction in Authorized Regions in terms of the value of the total acquisition.

COST/PRICE PROPOSAL:

a. Format and Information to be Submitted by Offerors -- Cost/Price Proposal:

(1) Number of copies. Submit the original and 2 copies of the cost/price proposal.

(2) The original and all copies of the cost/price proposal shall be appropriately labeled as such, and shall be comprised of the following (there are no page limitations to the cost/price proposal):

TAB 1: The first page (cover sheet) for the proposal, which must include all of the information required by FAR 52.215-1(c)(i)-(v), provided in full text above.

TAB 2: The Standard Form (SF) 1442, completed by the offeror and duly executed by an official authorized to bind the company. Also include under TAB 2 acknowledgement of any and all amendments to the solicitation in accordance with the instructions on the SF 30.

CAUTION: See FAR 4.102, Contractor's Signature, for instructions pertaining to the proper execution of the SF1442. Also, the name and address of your firm on the offer MUST EXACTLY MATCH the address used for your DUNS number/CCR registration.

TAB 3: The complete Cost/Pricing Schedule, with the offeror's proposed contract line item costs/prices inserted in the appropriate spaces.

CAUTION: If the Cost/Pricing Schedule contains unit prices, they are to be extended to the actual amount and rounded to the nearest cent. Please check your cost/pricing submission very carefully for mathematical and clerical errors prior to submission.

TAB 4: Representations, Certifications and other Statements of Bidders/Offerors, (Section 00600) completed by the offeror.

TAB 5: Formal Joint Venture Agreement. Offerors who are proposing as joint ventures must submit a copy of their formal joint venture agreement indicating the percentage of interest in the joint venture of each of the parties involved and the type of work to be performed by each party.

TAB 6: Completed Pre-Award Survey (see Attachments to this RFP for the required format).

TAB 7: Subcontracting Plan, if required by the solicitation from large businesses (see Attachments to this RFP for the required format).

b. Evaluation of the Price/Cost Proposal:

- (1) Price or cost to the Government will be evaluated and considered but
- (2) will not be scored or combined with other aspects of the proposal evaluation. The proposed price will be analyzed for reasonableness. It may also be analyzed to determine whether it is realistic for the work to be performed; reflects a clear understanding of the requirements; and is consistent with the Offeror's Technical Proposal. Additionally, all offers with

separately priced line items or sub-line items will be analyzed for unbalanced pricing. When applicable, the Price Evaluation Preference for HUBZone Small Business Concerns will be applied (see FAR 52.219-4 located in Section 00700). The Price Evaluation Adjustment for Small Disadvantaged Businesses will not apply to this procurement as it is currently suspended for DoD.

(2) Determination of Offerors' Proposed Price.

(a) The offeror's overall price to perform the work will be based on prices submitted on the pricing schedule for this work. Prices must be submitted on all individual items (and sub-line items) of the Pricing Schedule, with the exception of contract line items **0059AA and 0059AB, Option D. Prices must be submitted for line items 0034AA and 0034AB, Option A, failure** to do so may cause the proposal to be determined "unacceptable". **Failure to submit pricing on line items of the pricing schedule indicated herein may cause the proposal to be determined "unacceptable".**

(b) **Contract line items 0059AA and 0059AB, Option D may be completed if the offeror propose an alternative method in response to Factor 3, Subfactor 3b, Partial Column Capability, in their technical proposal. Option D will be evaluated for price reasonableness only, should the offeror's proposed alternate method for the work be considered viable in the Government's opinion for use during contract performance.**

(c) **Option A (line items 0034AA & 0034AB) and Option D (line item 0059AA & 0059AB) will not be used in evaluation of the total price for purposes of contract award.**

(3) See Attachments section; Section 00100; and Section 00700, FAR 52.219-9, for discussion of the method of evaluating the Subcontracting Plan (if one is required) and its effect on award.

52.211-2 AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L (DEC 1999)

Copies of specifications, standards, and data item descriptions cited in this solicitation may be obtained--

(a) From the ASSIST database via the Internet at <http://assist.daps.mil>; or

(b) By submitting a request to the--Department of Defense Single Stock Point (DoDSSP), Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(End of provision)

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm, fixed-price contract resulting from this solicitation.

(End of clause)

~~52.217-5 EVALUATION OF OPTIONS (JUL 1990)~~

~~Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).~~

~~(End of Provision)~~

FAR 52.217-3 EVALUATION EXCLUSIVE OF OPTIONS (APR 1984)

The Government will evaluate offers for award purposes by including only the price for the basic requirement; i.e., options will not be included in the evaluation for award purposes.

52.233-2 SERVICE OF PROTEST (AUG 1996)

- (a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from

Contracting Officer
1325 J Street, Rm 878
Sacramento, California 95814

- (b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of provision)

52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) - ALTERNATE I (FEB 1995)

- (a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

- (b) An organized site visit has been scheduled for September 19, 2001 @ 9:00 a.m.

- (c) Participants will meet at the entrance to the city of Sacramento landfill, located at the north end of 28th street in Sacramento, CA. Wait at the gate area and then proceed with the group to the Jet Grout Test Section Staging Area for the site visit.

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/References/References.html>

52.252-5 AUTHORIZED DEVIATIONS IN PROVISIONS (APR 1984)

(a) The use in this solicitation of any Federal Acquisition Regulation (48 CFR Chapter 1) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the provision.

(b) The use in this solicitation of any (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.